

JUN 17 2002

PTO/SB/08A (10-01)

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Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

5

Complete if Known

Application Number 10/090,971

Filing Date March 4, 2002

First Named Inventor Caspers

Group Art Unit

Examiner Name

Attorney Docket Number 33062.13

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>on</i>	1	US-D429,335	8-2-2000	Caspers, et al.	
<i>on</i>	2	US- 980,457	1-3-1911	Justin Toles	
<i>on</i>	3	US- 2,424,278	10-3-1945	P.W. Kunkel	
<i>on</i>	4	US- 2,464,443	3-15-1949	C.V. Ganoe, et al.	
<i>on</i>	5	US- 2,530,285	11-19-1950	J.G. Catranis	
<i>on</i>	6	US- 2,533,404	12-12-1950	O. Sharp, et al.	
<i>on</i>	7	US- 2,606,325	8-12-1952	Carl A. Nielson et al.	
<i>on</i>	8	US- 2,664,572	1-5-1954	E. Blevens	
<i>on</i>	9	US- 2,671,225	3-9-1954	W. Schoene, et al.	
<i>on</i>	10	US- 2,696,010	12-7-1954	G.B. Robinson	
<i>on</i>	11	US- 2,696,011	12-7-1954	J.J. Galdik	
<i>on</i>	12	US- 2,790,180	4-30-1957	A.F. Hauser	
<i>on</i>	13	US- 2,808,593	10-8-1957	A. Andersen	
<i>on</i>	14	US- 3,253,600	5-31-1966	W.M. Scholl	
<i>on</i>	15	US- 3,322,873	5-30-1967	P.F. Hitchcock	
<i>on</i>	16	US- 3,377,416	4-9-1968	Edward Kandel	
<i>on</i>	17	US- 3,393,407	7-23-1968	Edward Kandel	
<i>on</i>	18	US- 3,557,387	1-26-1971	Ohlenbusch et al.	
<i>on</i>	19	US- 3,631,542	1-4-1972	Allan Potter	
<i>on</i>	20	US- 3,712,298	1-22-1973	Snowdon, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
<i>on</i>	AU	9350333 -670691	6-1-1995	Caspers		
<i>on</i>	CA	2,098,945	7-15-1997	Caspers		
<i>on</i>	DE	2712342A1	9-29-1977	Belzidsky		
<i>on</i>	DE	2729800A1	1-4-1979	Surerus		
<i>on</i>	DE	4217877	12-3-1992	Segura		
<i>on</i>	DE	4321182C1	12-1-1994	F. Ihle et al.		
<i>on</i>	DE	9417913.1	4-20-1995	Jurgen		
<i>on</i>	DE	9418210.8	3-2-1995	Sartorius		
<i>on</i>	DE	9419211.1	3-18-1995	Carstens		

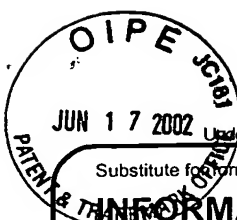
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Sheet 2 of 5

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Examiner Name
Attorney Docket Number 33062.13

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		Number - Kind Code ² (if known)			
<i>on</i>	21	US-3,732,578	5-15-1973	Pollack	
<i>on</i>	22	US- 3,751,733	8-14-1973	Fletcher, et al.	
<i>on</i>	23	US- 3,858,379	1-7-1975	Graves, et al.	
<i>on</i>	24	US 3,895,404	7-22-1975	Clyde Edwards	
<i>on</i>	25	US- 3,975,350	8-17-1976	Hudgin, et al.	
<i>on</i>	26	US- 3,991,424	11-16-1976	Prahl	
<i>on</i>	27	US- 4,283,800	8-13-1981	Wilson	
<i>on</i>	28	US- 4,314,398	2-9-1982	Pettersson	
<i>on</i>	29	US- 4,381,768	5-3-1983	Erichsen, et al.	
<i>on</i>	30	US- 4,404,296	9-13-1983	Schapel	
<i>on</i>	31	US- 4,456,642	6-26-1984	Burgdorfer, et al.	
<i>on</i>	32	US- 4,466,936	8-21-1984	Schapel	
<i>on</i>	33	US- 4,479,272	10-30-1984	Beldzisky	
<i>on</i>	34	US- 4,623,354	11-18-1986	Childress, et al.	
<i>on</i>	35	US- 4,634,446	1-6-1987	Kristinsson	
<i>on</i>	36	US- 4,635,626	1-13-1987	Lerman	
<i>on</i>	37	US- 4,704,129	11-3-1987	Massey	
<i>on</i>	38	US- 4,822,371	4-18-1989	Jolly, et al.	
<i>on</i>	39	US- 4,828,325	5-9-1989	Brooks	
<i>on</i>	40	US- 4,888,829	12-26-1989	Kleinerman, et al.	
<i>on</i>	41	US- 4,908,037	3-12-1990	Ross	

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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	DE	745981	5-27-1944	Spitzfadem		
	EP	0019612	11-26-1980	Grossberger		
<i>on</i>	EP	0057838	8-13-1982	Bergdorfer et al.		
	EP	0057839	8-13-1982	Schapel		
<i>on</i>	EP	0086147	8-17-1983	Beldzisky		
<i>on</i>	EP	0261884	3-30-1988	Causton		
<i>on</i>	EP	0363654	4-13-1990	Filppula		
<i>on</i>	EP	0631765	1-4-1995	Lenze		
<i>on</i>	EP	0650708	5-8-1995	Caspers		

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Sheet

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Application Number	10/090,971
Filing Date	March 4, 2002
First Named Inventor	Caspers
Group Art Unit	
Examiner Name	
Attorney Docket Number	33062.13

U.S. PATENT DOCUMENTS

CITATION DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>[Signature]</i>	42	US-4,923,475	5-8-1990	Gosthrian, et al.	
<i>[Signature]</i>	43	US- 5,007,937	4-16-1991	Fishman, et al.	
<i>[Signature]</i>	44	US- 5,108,455	4-28-1992	Telikicherla	
<i>[Signature]</i>	45	US- 5,133,776	7-28-1992	Crowder	
<i>[Signature]</i>	46	US- 5,139,523	8-18-1992	Paton, et al.	
<i>[Signature]</i>	47	US- 5,163,965	11-17-1992	Rasmusson, et al.	
<i>[Signature]</i>	48	US- 5,211,667	5-18-1993	Danforth	
<i>[Signature]</i>	49	US- 5,221,222	6-22-1993	Townes	
<i>[Signature]</i>	50	US- 5,258,037	11-2-1993	Caspers	
<i>[Signature]</i>	51	US- 5,314,497	5-24-1994	Fay, et al.	
<i>[Signature]</i>	52	US- 5,362,834	11-8-1994	Schapel, et al.	
<i>[Signature]</i>	53	US- 5,376,129	12-27-1994	Faulkner, et al.	
<i>[Signature]</i>	54	US- 5,376,131	12-27-1994	Lenze, et al.	
<i>[Signature]</i>	55	US- 5,376,132	12-27-1994	Caspers	
<i>[Signature]</i>	56	US- 5,507,834	4-16-1996	Laghi	
<i>[Signature]</i>	57	US- 5,534,034	7-9-1996	Caspers	
<i>[Signature]</i>	58	US- 5,549,709	8-27-1996	Caspers	
<i>[Signature]</i>	59	US- 5,571,208	11-3-1996	Caspers	
<i>[Signature]</i>	60	US- 5,593,454	1-1-1997	Holmy	
<i>[Signature]</i>	61	US- 5,658,353	8-18-1997	Layton	

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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	FR	1135516		9-28-1960	Beldzisky		
	FR	1532625		7-12-1968	Royer		
	FR	2501999		9-24-1982	Goudou		
	GB	136504		1-18-1920	Blevens		
	GB	267988		3-18-1927	Blatchford et al.		
	GB	2069847		9-2-1981	Thompson et al.		
	GB	2087727		6-3-1982	Ronald		
	GB	2149309		6-12-1985	Thompson		
	JP	7155343A		6-20-1995	Takitani		

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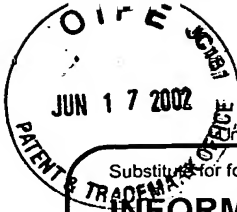
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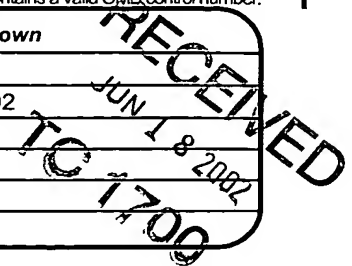
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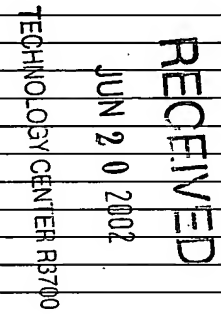
Application Number	10/090,971
Filing Date	March 4, 2002
First Named Inventor	Caspers
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Attorney Docket Number	33062.13

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		Number - Kind Code ² (if known)			
<i>gn</i>	62	US-5,702,489	12-30-1997	Slemker	
<i>gn</i>	63	US- 5,728,167	3-17-1998	Lohmann	
<i>gn</i>	64	US- 5,728,168	3-17-1998	Laghi, et al.	
<i>gn</i>	65	US- 5,728,170	3-17-1998	Becker, et al.	
<i>gn</i>	66	US- 5,735,906	4-7-1998	Caspers	
<i>gn</i>	67	US- 5,830,237	11-3-1998	Kania	
<i>gn</i>	68	US- 5,888,216	3-30-1999	Haberman	
<i>gn</i>	69	US- 5,888,230	3-30-1999	Helmy	
<i>gn</i>	70	US- 5,888,231	3-30-1999	Sandvig, et al.	
<i>gn</i>	71	US- 5,904,721	5-18-1999	Henry, et al.	
<i>gn</i>	72	US- 5,904,722	5-18-1999	Caspers	
<i>gn</i>	73	US- 6,063,125	5-18-2000	Arbogast, et al.	
<i>gn</i>	74	US- 6,231,616 B1	5-15-2001	Helmy	
<i>gn</i>	75	US- 6,231,617 B1	5-15-2001	Fay	
<i>gn</i>	76	US- 6,287,345 B1	9-11-2001	Slemker, et al.	
		US-			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
<i>gn</i>	SU	1771722	10-30-1992	Caspers		
<i>gn</i>	SU	1812982	4-30-1993	Natehty		
<i>gn</i>	SU	1821177	6-15-1993			
<i>gn</i>	WO	84/00881	3-15-1984	Engstrom		
<i>gn</i>	WO	95/05792	3-2-1995	Norvell		
<i>gn</i>	WO	96/21405	7-18-1996	Lohmann		
<i>gn</i>	WO	98/04218	2-5-1998	Arbogast		
<i>gn</i>	WO	98/56055	12-10-1998	Caspers		
<i>gn</i>	WO	00/3665	1-27-2000	Caspers		
<i>gn</i>	WO	00/74611	12-14-2000	Caspers		

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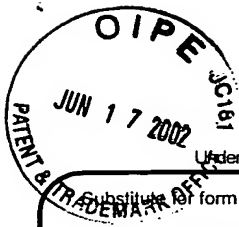
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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		Solomons, Organic Chemistry (6 th ed.), John Wiley & Sons, Inc., New York, 1996, pp. 853-854	
		SympaTex Technologies GmbH Data Sheets (5 pgs.)	
		SealSkinz Waterproof and Breathable Socks and Gloves -How do they work? Web Pages (4 pgs.)	
		Gore Tex Web Page (2 pgs.) "Everyone talks about the weather, but nobody does anything about it." Mark Twain 7-3-2001	
		Gill Web Page (2 pgs.) Bike Gear & Apparel 7-3-2001	

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